

2002

July 2003

Statewide Fire Statistics

OVERVIEW

Michigan State Police – Fire Marshal Division

The following information was compiled from the data provided by the 984 (91%) fire departments that participated in NFIRS 5.0 - Michigan's fire incident reporting system.

Total Fire Departments 1,080

Paid 9,188
Volunteer Part-Paid 18,117
Volunteer Not-Paid 5,263

Total Firefighters 32,568

Michigan fire departments reported 39,400 fires for 2002.

Property Type	# Fires	\$ Loss
Structures	16,285	557,046,258
Mobile Properties	10,714	79,090,514
Outside/Other	<u>12,401</u>	<u>18,238,837</u>
TOTAL	*39,400	\$654,375,609

*Counts do not include 4,896 mutual aid or exposures

Fires resulted in the deaths of **169** civilians in 2002. Four firefighters died in the line-of-duty. In addition, fires caused **898** civilian injuries and another **663** fire service on-duty injuries.

The reported estimated **value** of property & contents involved in fires in 2002: **\$10.9 billion**

The reported estimated **loss** of property & contents involved in fires in 2002: **\$654.3 million**

Arson and suspicious fires accounted for **12,294** of the total number of fires. **These fires also accounted for **241** of the civilian injuries, **62** civilian deaths, and **345** fire service injuries.

Type	# Fires	\$ Loss
Arson (Incendiary)	4,325	79,583,852
Suspicious	<u>7,969</u>	<u>107,903,952</u>
TOTAL	12,294	\$187,487,804

"Fire Cause Undetermined After Investigation": **3,031 (included in death & injury totals)

In addition to fires, many fire departments voluntarily submitted **326,757** non-fire incidents through NFIRS 5.0 which included: **193,931** EMS/rescues; **43,033** non-fire emergencies -- power lines down, gas leaks, spills, etc.; **37,830** false alarms; **51,963** public service calls -- good intent, biohazard scares, natural disasters. There were **6,392** additional mutual aid calls.

Michigan fire departments are required to report fire incidents per the Michigan Fire Prevention Code, Act 207, and P.A. 1941, as amended.

